

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_072
Date: 3-Aug-18
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 7:42

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: 17.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	109.0 dB
Edwards:	43.9 LAeq	96.2 dB
Fred:	41.1 LAeq	91.2 dB
Hollinger Office:	56.1 LAeq	113.2 dB
Noah:	60.6 LAeq	109.3 dB
Sandy:	45.4 LAeq	107.1 dB
Water Tower:	49.5 LAeq	119.2 dB
Wilson:	47.8 LAeq	99.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.2	5.4	6.2
Edwards:	8.4	11.6	12.4	19.6
Hollinger Office:	12.9	22.7	18.8	42.1
Sandy:	3.9	4.8	3.6	6.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.6	3.0
Edwards:	0.0	0.0
Hollinger Office:	6.6	10.4
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.4	0.3	0.4
Imerys:	0.4	0.4	0.5
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.9	1.0	1.7
Sandy:	2.1	1.5	2.3
Water Tower:	0.8	0.5	1.2
Wilson:	1.1	1.3	1.7